Title (en)

PROCESS AND NOZZLE FOR PROVIDING A CARBURATED MIXTURE AT IDLE RUNNING OF AN EXPLOSION ENGINE.

Title (de)

VERFAHREN UND DÜSE ZUR HERSTELLUNG EINER KARBURIERTEN MISCHUNG BEIM LEERLAUF EINER BRENNKRAFTMASCHINE.

Title (fr)

PROCEDE ET GICLEUR POUR LA REALISATION D'UN MELANGE CARBURE DE RALENTI DANS UN MOTEUR A EXPLOSION.

Publication

EP 0032900 A1 19810805 (FR)

Application

EP 80901072 A 19810209

Priority

FR 7919281 A 19790726

Abstract (en)

[origin: WO8100281A1] The process consist in effecting the carburated mixture in two phases: a premixture phase in a turbulence chamber (10) consisting in mixing the fuel flow C_u^r with a make-up flow A_u^a, small with respect to the idling airflow A_u^r with a view to obtaining a highly carburated premixture, and a final mixture phase effected in a second chamber, said mixture chamber (5) consisting in mixing the premixture M_u^p to the idling airflow A_u^r. A needle (11) allows the adjustment of the flow of fuel in according to the engine running conditions.

Abstract (fr)

Le procede consiste a effectuer le melange carbure en deux phases: une phase de premelange dans une chambre de turbulence (10) consistant a, melanger le debit de carburant Cr avec un debit d'appoint Aa, faible par rapport au debit d'air de ralenti Ar en vue d'obtenir un premelange fortement carbure, et une phase de melange final realisee dans une seconde chambre, dite chambre de melange (5) consistant a melanger le premelange Mp au debit d'air de ralenti Ar. Un pointeau (11) permet d'adjuster le debit de carburant en fonction du regime du moteur.

IPC 1-7

F02M 3/08

IPC 8 full level

F02M 3/05 (2006.01); **F02M 3/08** (2006.01); **F02M 3/10** (2006.01)

CPC (source: EP US)

F02M 3/05 (2013.01 - EP US); **F02M 3/10** (2013.01 - EP US); Y10S 261/38 (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

WO 8100281 A1 19810205; BE 884087 A 19801016; BR 8008766 A 19810526; DK 133581 A 19810324; EP 0032900 A1 19810805; ES 493056 A0 19811101; ES 8200166 A1 19811101; IT 1141806 B 19861008; IT 8083398 A0 19800618; JP S56500938 A 19810709; NO 811009 L 19810325; US 4349489 A 19820914

DOCDB simple family (application)

FR 8000095 W 19800616; BE 201240 A 19800630; BR 8008766 A 19800616; DK 133581 A 19810324; EP 80901072 A 19810209; ES 493056 A 19800618; IT 8339880 A 19800618; JP 50134380 A 19800616; NO 811009 A 19810325; US 24771781 A 19810326